# *BRUHAT BANGALORE MAHANAGARA PALIKE*

## *YELAHANKA ZONE*

### *DIVISION: BYATARAYANAPURA*

### *SUB DIVISION: KODIGEHALLI*

***Name of Work**: Estimate for Development Works in Sahakaranagara and Tatanagara Park and other Allied Works in Ward No. 08, Kodigehalli.*

## *Job Code: 008-20-000052*

## *P-Code: 3602 Special Development Work*

***Estimated Cost:*** ***Rs. 75.00 Lakhs***

# BRUHATH BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

**Name of Work: Estimate for Development Works in Sahakaranagara and Tatanagara Park and other Allied Works in Ward No. 08, Kodigehalli.**

| | 008-20-000052 | P-3602 | | | Estimate Cost: | | | 7500000.00 | |
|---|---|---|---|---|---|---|---|---|---|
| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
| 1 | KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19** | Cum | | | | | | | |
| | Sahakaranagara | | | | | | | | |
| | For Leveling | | 1 | 46.00 | 38.00 | 0.20 | 349.60 | | |
| | For Path Way | | 2 | 46.00 | 2.70 | 0.20 | 49.68 | | |
| | | | 2 | 37.00 | 2.70 | 0.20 | 39.96 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Leveling | | 1 | 32.00 | 24.00 | 0.30 | 230.40 | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 1.00 | 1.00 | 32.00 | | |
| | E/S | | 1 | 8.00 | 1.00 | 1.00 | 8.00 | | |
| | | | 1 | 8.00 | 1.00 | 1.00 | 8.00 | | |
| | W/S | | 1 | 32.00 | 1.00 | 1.00 | 32.00 | | |
| | **Basic Rate** | 130.00 | | | | | **749.64** | 237.80 | **178264.00** |
| | Area Weightage @ 6% | 7.80 | | | | | | | |
| | **Total** | **137.80** | | | | | | | |
| | Add loading and unloading Charges **It No 17.1 KSRRB M 100-1** | 68.00 | | | | | | | |
| | Average weight of earth 1.28 tonne / kg for 10.00 Km = 1.28 T X 10.00Km X 2.5 / km= 32.00 | 32.00 | | | | | | | |
| | | **237.80** | | | | | | | |
| 2 | KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm** and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 **Item No. 27.18 Page No. 222, PWD SR 2018-19** | cum | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 1.00 | 0.15 | 4.80 | | |
| | E/S | | 1 | 8.00 | 1.00 | 0.15 | 1.20 | | |
| | | | 1 | 8.00 | 1.00 | 0.15 | 1.20 | | |
| | W/S | | 1 | 32.00 | 1.00 | 0.15 | 4.80 | | |
| | Sahakaranagara | | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | 4 | 55.00 | 0.30 | 0.15 | 9.90 | | |
| | | | 4 | 45.00 | 0.30 | 0.15 | 8.10 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 2 | 35.00 | 0.30 | 0.15 | 3.15 | | |
| | E/S | | 2 | 12.00 | 0.30 | 0.15 | 1.08 | | |
| | | | 2 | 12.00 | 0.30 | 0.15 | 1.08 | | |
| | W/S | | 2 | 36.00 | 0.30 | 0.15 | 3.24 | | |
| | Basic Rate | 5115.00 | | | | | **38.55** | 5421.90 | **209014.00** |
| | Area Weightage @ 6% | 306.90 | | | | | | | |
| | **Total** | **5421.90** | | | | | | | |
| | | | | | | | | | |
| 3 | Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6 stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **Page No. 255, Item No. 34.8.2, PWD SR 2018-19** | cum | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 0.75 | 0.60 | 14.40 | | |
| | E/S | | 1 | 8.00 | 0.75 | 0.60 | 3.60 | | |
| | | | 1 | 7.60 | 0.75 | 0.60 | 3.42 | | |
| | W/S | | 1 | 32.00 | 0.75 | 0.60 | 14.40 | | |
| | Basic Rate | 4596.00 | | | | | **35.82** | 4871.76 | **174506.00** |
| | Area Weightage @ 6% | 275.76 | | | | | | | |
| | **Total** | **4871.76** | | | | | | | |
| | | | | | | | | | |
| 4 | Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6, edges of stones** chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **Page No. 255, Item No. 34.9, PWD SR 2018-19** | cum | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 0.45 | 0.45 | 6.48 | | |
| | E/S | | 1 | 8.00 | 0.45 | 0.45 | 1.62 | | |
| | | | 1 | 7.60 | 0.45 | 0.45 | 1.54 | | |
| | W/S | | 1 | 32.00 | 0.45 | 0.45 | 6.48 | | |
| | | | 1 | 25.00 | 0.45 | 0.45 | 5.06 | | |
| | Basic Rate | 5483.00 | | | | | **21.18** | 5811.98 | **123106.00** |
| | Area Weightage @ 6% | 328.98 | | | | | | | |
| | **Total** | **5811.98** | | | | | | | |
| | | | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 5 | Providing and laying in position **plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size** graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page. No. 255 / Item No.34.11 of PWD SR 2018-19** | cum | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 0.45 | 0.10 | 1.44 | | |
| | E/S | | 1 | 8.00 | 0.45 | 0.10 | 0.36 | | |
| | | | 1 | 7.60 | 0.45 | 0.10 | 0.34 | | |
| | W/S | | 1 | 32.00 | 0.45 | 0.10 | 1.44 | | |
| | Sahakaranagara | | | | | | | | |
| | | | 4 | 55.00 | 0.20 | 0.10 | 4.40 | | |
| | | | 4 | 45.00 | 0.20 | 0.10 | 3.60 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 2 | 35.00 | 0.20 | 0.10 | 1.40 | | |
| | E/S | | 2 | 12.00 | 0.20 | 0.10 | 0.48 | | |
| | | | 2 | 12.00 | 0.20 | 0.10 | 0.48 | | |
| | W/S | | 2 | 36.00 | 0.20 | 0.10 | 1.44 | | |
| | Basic Rate | 5283.00 | | | | | **15.38** | 5599.98 | **86139.00** |
| | Area Weightage @ 6% | 316.98 | | | | | | | |
| | Total | **5599.98** | | | | | | | |
| | | | | | | | | | |
| 6 | KSRRB M2100 Filling the foundations KSRRB 2100-6. Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. MORTH Chapter 12 **Item No. 27.14 Page No. 221, PWD SR 2018-19** | cum | | | | | | | |
| | Sahakaranagara | | | | | | | | |
| | For Path Way | | 2 | 46.00 | 2.50 | 0.30 | 69.00 | | |
| | | | 2 | 37.00 | 2.50 | 0.30 | 55.50 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 2.00 | 0.30 | 19.20 | | |
| | E/S | | 1 | 8.00 | 2.00 | 0.30 | 4.80 | | |
| | | | 1 | 8.00 | 2.00 | 0.30 | 4.80 | | |
| | W/S | | 1 | 32.00 | 2.00 | 0.30 | 19.20 | | |
| | **Basic rate** | 3039.00 | | | | | **172.50** | 3221.34 | **555681.00** |
| | Add 6% AW | 182.34 | | | | | | | |
| | **Total** | **3221.34** | | | | | | | |
| | | | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 7 | KSRB 14.6-1: Providing and laying **heavy duty cobble stones 60mm thick interlock pavers**, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. **(P.No. 103, I.No. 14.6 of PWD SR 2018-19)** | Sqm | | | | | | | |
| | Sahakaranagara | | | | | | | | |
| | For Path Way | | 2 | 46.00 | 2.50 | | 230.00 | | |
| | | | 2 | 37.00 | 2.50 | | 185.00 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | 2.50 | | 80.00 | | |
| | E/S | | 1 | 8.00 | 2.50 | | 20.00 | | |
| | | | 1 | 8.00 | 2.50 | | 20.00 | | |
| | W/S | | 1 | 32.00 | 2.50 | | 80.00 | | |
| | Basic Rate | 1053.00 | | | | | **615.00** | 1116.18 | **686451.00** |
| | Area Weightage @ 6% | 63.18 | | | | | | | |
| | **Total** | **1116.18** | | | | | | | |
| | | | | | | | | | |
| 8 | Providing Granite Benches | Nos | | | | | | | |
| | DATA RATE TO BE GOT APPROVED. | | 15 | | | | 15 | 10500.00 | **157500.00** |
| | | | | | | | | | |
| 9 | Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. **Page. No. 45 / Item. No. 7.37 PWD SR 2018-19** | Sqm | | | | | | | |
| | Gate | | 2 | 3.00 | 3.00 | | 18.00 | | |
| | | | 2 | 2.50 | 3.00 | | 15.00 | | |
| | Basic Rate | 3012.00 | | | | | **33.00** | 3192.72 | **105360.00** |
| | Area Weightage @ 6% | 180.72 | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | **Total** | 3192.72 | | | | | | | |
| | | | | | | | | | |
| 10 | Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting ( excluding cost of earthwork and concrete) **Page No. 266 / Item No. 37.2, PWD SR 2018-19** | m | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 14 | 2.60 | | | 36.40 | | |
| | E/S | | 4 | 2.60 | | | 10.40 | | |
| | | | 4 | 2.60 | | | 10.40 | | |
| | W/S | | 14 | 2.60 | | | 36.40 | | |
| | Chain Link | | 20 | 2.60 | | | 52.00 | | |
| | | | 17 | 2.60 | | | 44.20 | | |
| | Basic Rate | 859.00 | | | | | **189.80** | 910.54 | **172820.00** |
| | Area Weightage @ 6% | 51.54 | | | | | | | |
| | **Total** | **910.54** | | | | | | | |
| 11 | Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. **Page No. 266 / Item No. 37.4, PWD SR 2018-19** | m | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 3 | 32.00 | | | 96.00 | | |
| | E/S | | 3 | 8.00 | | | 24.00 | | |
| | | | 3 | 8.00 | | | 24.00 | | |
| | W/S | | 3 | 32.00 | | | 96.00 | | |
| | Chain Link | | 3 | 46.00 | | | 138.00 | | |
| | | | 3 | 32.00 | | | 96.00 | | |
| | Basic Rate | 408.00 | | | | | **474.00** | 432.48 | **204996.00** |
| | Area Weightage @ 6% | 24.48 | | | | | | | |
| | **Total** | **432.48** | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 12 | Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint **Page No. 266 / Item No. 37.3, PWD SR 2018-19** | Sqm | | | | | | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 1 | 32.00 | | 2.10 | 67.20 | | |
| | E/S | | 1 | 8.00 | | 2.10 | 16.80 | | |
| | | | 1 | 8.00 | | 2.10 | 16.80 | | |
| | W/S | | 1 | 32.00 | | 2.10 | 67.20 | | |
| | Chain Link | | 2 | 61.00 | | 2.10 | 256.20 | | |
| | | | 2 | 45.00 | | 2.10 | 189.00 | | |
| | **Basic rate** | 715.00 | | | | | **613.20** | 757.90 | **464744.00** |
| | Add 6% AW | 42.90 | | | | | | | |
| | **Total** | **757.90** | | | | | | | |
| | | | | | | | | | |
| 13 | Providing **precast slab of 100mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - (Data rate Approved). | Sqm | | | | | | | |
| | N/S | | 1 | 35.00 | 0.90 | | 31.50 | | |
| | | | | | | | **31.50** | 2337.00 | **73616.00** |
| | | | | | | | | | |
| 14 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete **Page No. 27 / Item No. 5.30 PWD SR 2018-19** | No | | | | | | | |
| | For Path Way | | 4 | 46.00 | | | 184.00 | | |
| | | | 4 | 37.00 | | | 148.00 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 2 | 32.00 | | | 64.00 | | |
| | E/S | | 2 | 8.00 | | | 16.00 | | |
| | | | 2 | 7.60 | | | 15.20 | | |
| | W/S | | 2 | 32.50 | | | 65.00 | | |
| | | | | | | | 492.20 | | |
| | Basic Rate | 408.00 | | | Div | 0.45 | **1094** | 432.48 | **473037.00** |
| | Area Weightage @ 6% | 24.48 | | | | | | | |
| | **Total** | **432.48** | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 15 | KSRB 15-19.1 : Providing and applying ready mix priming coat **over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 124 / Item No. Item No. 15.80, PWD SR 2018-19** | Sqm | | | | | | | |
| | For Path Way | | 4 | 46.00 | | 0.45 | 82.80 | | |
| | | | 4 | 37.00 | | 0.45 | 66.60 | | |
| | Sahakaranagara C Block | | | | | | | | |
| | For Chain Link Fencing | | | | | | | | |
| | N/S | | 2 | 32.00 | | 0.45 | 28.80 | | |
| | E/S | | 2 | 8.00 | | 0.45 | 7.20 | | |
| | | | 2 | 7.60 | | 0.45 | 6.84 | | |
| | W/S | | 2 | 32.00 | | 0.45 | 28.80 | | |
| | Basic Rate | 37.00 | | | | | **221.04** | 39.22 | **8669.00** |
| | Area Weightage @ 6% | 2.22 | | | | | | | |
| | **Total** | **39.22** | | | | | | | |
| 16 | KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat ) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.**Page No. 124 / Item No. Item No. 15.81, PWD SR 2018-19** | Sqm | | | | | | | |
| | | | Qty Vide Item No. 16 | | | | **221.04** | 90.10 | **19916.00** |
| | Basic Rate | 85.00 | | | | | | | |
| | Area Weightage @ 6% | 5.10 | | | | | | | |
| | **Total** | **90.10** | | | | | | | |
| | **Children Play Equipments** | | | | | | | | |

| Sl No. | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 17 | Supply and fixing of chidren multi Equipment with curved slide and number panel : Upright structural posts of height .4m, 2.7m, 3.3m schedule HOT DIP galvanized steel with a 114mm OD and 2.2,, (wall) thickness of the tubing all metal components are to be finishied with a backed on powder coat finish with deck of size 1.45 x 1.45m and staicase of size 1.5m x 0.77 m are fabricated from 2 mm oerfirated solid punched steel deck perimeter is precision pre punced for attachements deck are pressed punched and welded sand blaseted and vinyl plastic coated to a thickness of 4 mm along with handrail if height 2.2 m and dia 32 mm shall be abn all robotic welded unit fabricated from 32 OD galvanzied steel pipes with backed on powder coating finish curved slide of size 1.94 m x 1.85 m x 2.4 m panels toprails of monkey loops of size 1.8 m x 1.3 m deck if size 1.45 x 1.45 m are fabricated from 2mm perforated and welded sand blasted and vinly plastic coated to a thickness of 4mm roof of size of dia 2 m and height 0.82 m spir DATA RATE TO BE GOT APPROVED FROM THE COMPETENT AUTHORITY | Each | | | | | | | |
| | | | 1 | | | | 1 | | |
| | | | | | | | **1** | 2201295.00 | **2201295.00** |
| 18 | For Lights to Parks | LS | | | | | | | **300000.00** |
| 19 | For Lon Work | LS | | | | | | | **500000.00** |
| | Sub Total | | | | | | | | **6695114.00** |
| | GST Charges @ 12% | | | | | | | | **803414.00** |
| | Miscellaneous and unforeseen charges | LS | | | | | | | **1472.00** |
| | | | | | | | | **Total** | **7500000.00** |

ADMINISTRATIVE APPROVAL
Accorded For Rs. 75.00 Lakhs only
Head of Ac... P3602.
Div. Ref. No... 15/20-21, Date... 11-06-2020
11/06.
EE(BTP) 11/06

Rs. 75,00,000/-
Rs in Words SEVENTY FIVE LAKH ONLY
P 3602
Job Code No 008-20-000052
Registered as per WTS/ ... subject memo
to conditions contained in enclosure
04/20-21 Dated: 11/06/2020

**Rupees Seventy Five Lakh(s) Only**

**Certificate:**

1 The work spot has been inspected and the work is found necessary.

2 This estimate is prepared as per PWD SR of 2018-19.

3 The provisions were made in this estimate are necessary and adequate.

4 This works come under B.B.M.P. limits.

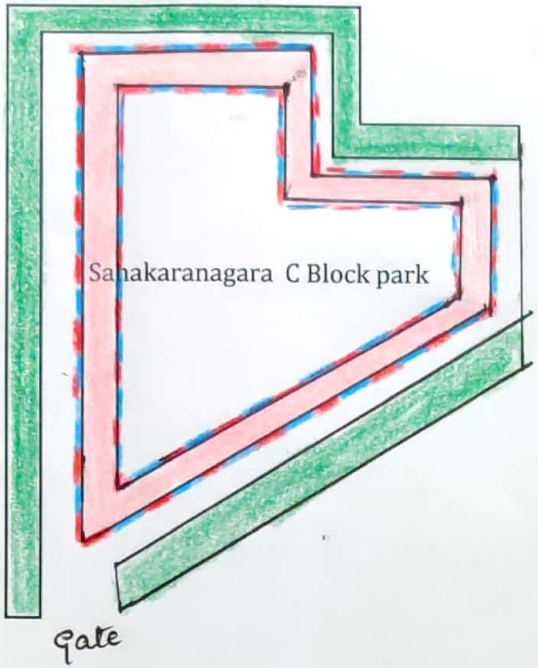
Assistant Engineer
Ward No. 08

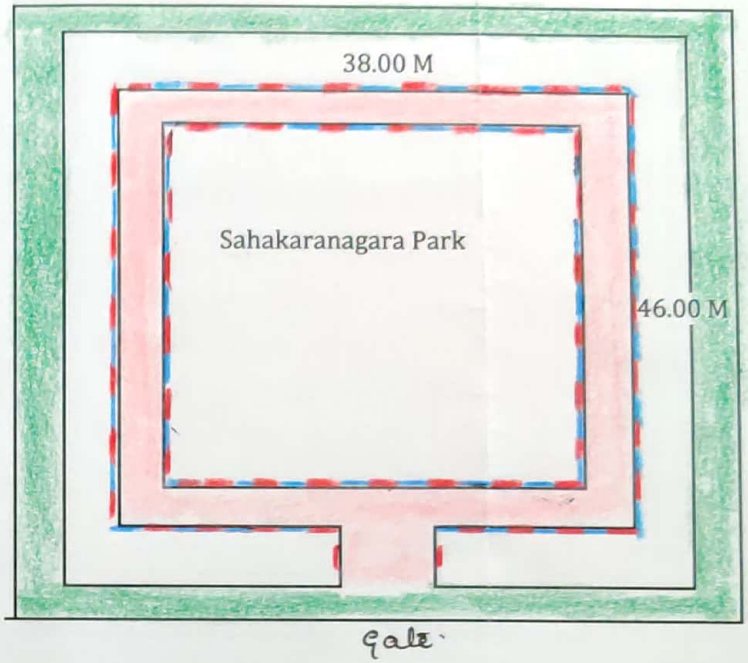
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Sketch Showing the Development Works in Sahakaranagara and Tatanagara Park and other Allied Works in Ward No. 08, Kodigehalli.



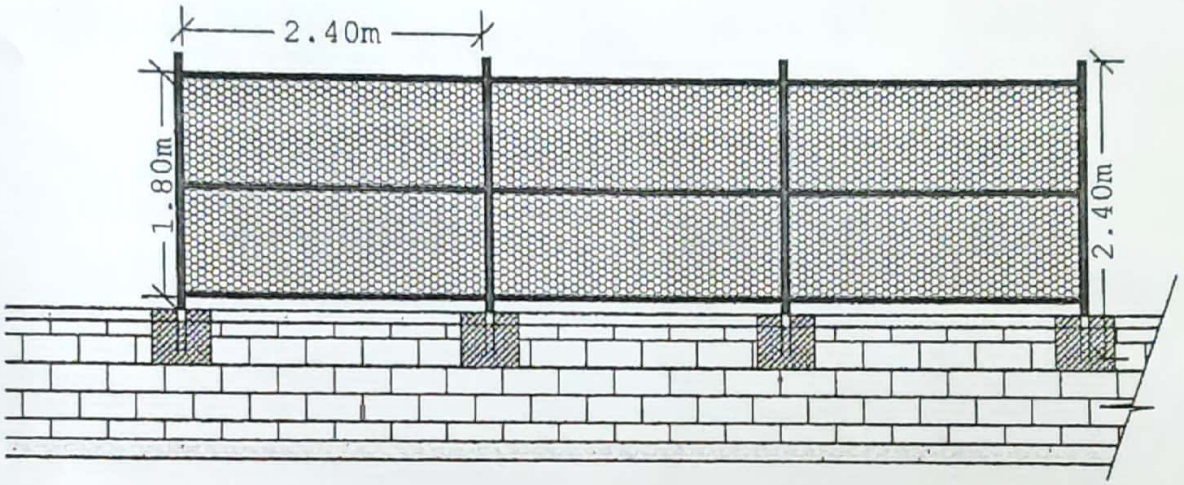

***INDEX:***

- Pathway
- Kerb Stone
- Chain Link fencing

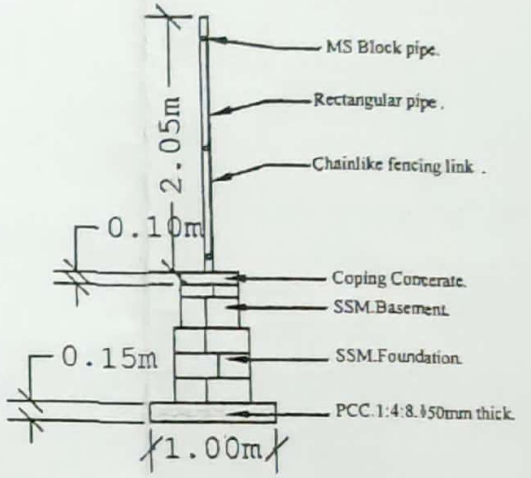
Assistant Engineer
Ward No. 08

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division




ELEVATION OF CHAIN LINK FENCING .




CROSS SECTION OF CHAIN LINK FENCING .

Assistant Executive Engineer,
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Yelahanka Zone, B.B.M.P.,
Bangalore.

Scanned with CamScanner

# 152 - BYATARAYANAPURA AC
# WARD NAME : 8 - KODIGEHALLI